

AMENDMENTS TO THE CLAIMS

The text of all pending claims, including withdrawn claims, is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~striketrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please CANCEL claims 7-12, 15, 17, and 19 without prejudice or disclaimer. Please AMEND claim 1 as to read as follows.

1. (CURRENTLY AMENDED) A method of manufacturing an evaporator, comprising:
 - forming at least one cooling fin with at least first and second coolant tube accommodation parts;
 - inserting first and second coolant tubes into the first and second coolant tube accommodation parts, respectively;
 - expanding the first and second coolant tubes after the inserting;
 - bending the first coolant tube ~~around a first jig~~ at a first position and the second coolant tube ~~around a second jig~~ at a second position, the first and second positions spaced apart at different levels relative a first position along a first axis, to form first and second horizontal parts of the first and second coolant tubes, respectively;
 - repeating the bending of the first and second coolant tubes at least one further time at a another position along the first axis to form at least third and fourth horizontal parts of the first and second coolant tubes, respectively; and
 - connecting a first end of the first coolant tube to a first end of the second coolant tube, wherein the first and second coolant tube accommodation portions of the cooling fin are coupled to a corresponding horizontal part of the first and second coolant tubes, respectively, and
 - wherein the cooling fin is inclined at an inclination angle relative to the first axis.
2. (ORIGINAL) The method according to claim 1, wherein each second horizontal part is provided in a rear center part between the corresponding first horizontal parts.
3. (ORIGINAL) The method according to claim 1, wherein each cooling fin

includes a bottom end and a round part rounded on upper opposite corners of the bottom end.

4. (ORIGINAL) The method according to claim 3, wherein the inclination angle between a longitudinal direction of the cooling fin and the first axis is approximately between 50 and 75 degrees.

5. (ORIGINAL) The method according to claim 1, wherein the cooling fin includes at least one protrusion protruding orthogonally from a surface of the cooling fin.

6. (ORIGINAL) The method according to claim 1, wherein the cooling fin has a substantially rectangular plate shape.

7-12. (CANCELLED)

13. (ORIGINAL) The method according to claim 3, wherein the round part forms a section of a circle having a radius between approximately 3 mm and 50 mm.

14. (ORIGINAL) The method according to claim 5, wherein the protrusion creates turbulent air flowing about the protrusion.

15. (CANCELLED)

16. (ORIGINAL) The method according to claim 1, wherein the bending of the first and second coolant tubes is performed simultaneously.

17. (CANCELLED)

18. (ORIGINAL) The method according to claim 1, wherein the bending of the first and second coolant tubes imparts a zigzag shape to the first and second coolant tubes.

19. (CANCELLED)

20. (ORIGINAL) The method according to claim 3, wherein the inclination angle and the round parts of the cooling fin cause defrosted water to discharge from the evaporator.

21. (ORIGINAL) The method according to claim 3, wherein the bottom end of the cooling fin is adjacent to a wall of the evaporator accommodation part.

22. (ORIGINAL) The method according to claim 1, wherein the inclination angle of the cooling fin is based on a difference in the respective positions of the first and second horizontal parts along the first axis.

23. (ORIGINAL) The method according to claim 5, wherein the protrusion prevents the cooling fin from substantially bending.